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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/813,416	03/20/2001	Dennis W. Hall	42390P11038	2408

8791 7590 07/22/2004

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EXAMINER

BILGRAMI, ASGHAR H

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 07/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/813,416

Applicant(s)

HALL, DENNIS W.

Examiner

Asghar Bilgrami

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 March 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being unpatentable over Fijolek et al (U.S. 6,058,421).

As per claims 1, 10, 13 & 18 Fijolek discloses a method to manage network addresses, comprising: receiving a first request for a network address from a client at an agent (col.3, lines 39-67, col.4 lines 1-32), procuring said network address from a network address provider; and sending said network address to said client (col.6, lines 64-67, col.7, lines 1-23 & col.9, lines 21-28).

3. As per claims 2 & 14 Fijolek disclosed the method of claim 1, wherein said first request is received using a first protocol, and said procuring comprises: creating a second request for said network address using a second protocol; sending said second request to a network address provider; receiving said network address from said network address provider (Fijolek, col.4, lines 33-49, col.7, lines 14-23); and storing said network address in an address assignment table (Fijolek, col.9, lines 21-30).

1. As per claims 3 & 15 Fijolek disclosed he method of claim 2, wherein said creating comprises: assigning a unique identifier to said client', and creating said second request using said unique identifier (Fijolek, col.11, lines 39-44).
2. As per claims 4 & 16 Fijolek disclosed the method of claim 1, further comprising managing use of said network address by said client (Fijolek, col.8, lines 65-67, col.9, lines 1-4).
3. As per claims 5 & 17 Fijolek disclosed the method of claim 4, wherein said managing comprises: receiving an assignment identifier corresponding to said network address, said assignment identifier indicating a status and time period said client may use said network address', monitoring a time said client has used said network address; comparing said time to said time period; and requesting an extension to said time period in accordance with said comparison (Fijolek, col.9, lines 5-20, col.26, lines 28-40).
4. As per claim 6 Fijolek disclosed the method of claim 1, wherein said network address provider is a dynamic host configuration protocol server (Fijolek, col.4, lines 33-49).
5. As per claim 7 Fijolek disclosed the method of claim 1, wherein said network address comprises an Internet Protocol address (Fijolek, col.8, lines 65-67 & col.9, lines1-4).
6. As per claim 8 Fijolek disclosed the method of claim 2, wherein said first protocol is a layer two tunneling protocol (Fijolek, col.9, lines 5-20).
7. As per claim 9 Fijolek disclosed the method of claim 2, wherein said second protocol is a transport control protocol and internet protocol (Fijolek, col.7, lines 14-23, lines 51-59, col.8, lines 65-67 & col.9, lines1-4).

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8. As per claims 11 & 19 Fijolek disclosed the method of claim 10, wherein said creating comprises creating said virtual connection using said network address in accordance with a security scheme (Fijolek, col.4, lines 6-32, col.9, lines 21-30).
9. As per claims 12 & 20 Fijolek disclosed the method of claim 11, wherein said security scheme is a security scheme in accordance with the DES Specification (Fijolek, col.7, lines 60-65, col.9, lines 5-20).

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Hara U.S. Patent No. 6,199,111 B1 disclosed client-led network computing system and its method.

Namma U.S. Patent No. 6,185,616 B1 disclosed proxy server apparatus, a proxy server system, and a server apparatus.

Alegre U.S. Patent No. 6,199,113 B1 disclosed apparatus and method for providing trusted network security.

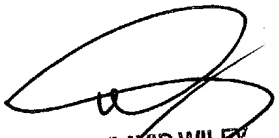
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asghar Bilgrami whose telephone number is 703-305-4623. The examiner can normally be reached on M-F, 8:00-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 703-308-5221. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Asghar Bilgrami
Examiner
Art Unit 2143



DAVID WILEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100